

Contents Volume 70, 2005

Research Papers

- Archaean atmospheric evolution: evidence from the Witwatersrand gold fields, South Africa
H.E. Frimmel 1
- The role of stratotypes in stratigraphy: Part 2. The debate between Kleinpell and Hedberg, and a proposal for the
codification of biochronologic units
S.L. Walsh 47
- The role of stratotypes in stratigraphy: Part 3. The Wood Committee, the Berkeley school of North American mammalian
stratigraphic paleontology, and the status of provincial golden spikes
S.L. Walsh 75
- Stress variability and brittle tectonic structures
R. Caputo 103
- Fold geometry: a basis for their kinematical analysis
F. Bastida, J. Aller, N.C. Bobillo-Ares and N.C. Toimil 129

Book Review

- The great Ordovician biodiversification event
P. Smith 165

Research Papers

- Ancient sand-rich submarine fans: depositional systems, models, identification, and analysis
F. Mattern 167
- Magnitude and frequency in proglacial rivers: a geomorphological and sedimentological perspective
P.M. Marren 203
- The last British Ice Sheet: A review of the evidence utilised in the compilation of the Glacial Map of Britain
D.J.A. Evans, C.D. Clark and W.A. Mitchell 253

Book Review

- Review of "Science, Philosophy and Physical Geography"
M.G. Kleinmans 313